

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Tero Ranta" <dixie@icenet.fi>  
Subject: [15489] 10m QRP XCVR  
Message-ID: <199703232001.WAA18091@icebox.icenet.fi>

Does anyone have schematic for about 2W QRP crystal controlled transceiver for 10m (since I haven't got ham license yet I will use it on about 27MHz citizen band to train CW with my neighbour)?

Regards,

Tero Ranta

Vacuum Tube Tesla Coil Page:  
<http://www.icenet.fi/~dixie/>

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)  
Subject: [15447] 30 meter RTTY  
Message-ID: <9703230511.AA18622@krypton.nmr.Hawaii.Edu>

Two standard references are the Guide to RTTY Frequencies, which is old but does include many callsigns, and the standby which is in a new edition "The Confidential Frequency List" by Oliver P. Ferrell which includes RTTY stations starting with the sixth edition.

Confidential list two pages plus of stations in the 30 meter HAM frequencies, CW, USB, and RTTY. RTTY includes the US Navy and a wide range of stations all over the world. Still, there are only a couple of hundred listings.

Confidential might be in a large library and I believe it was once sold by the ARRL. The giant supermarket sized bookshops many even have a copy.

New call AH7R, netted first contact with it Saturday with 5 watts and a new balcony antenna, T32LN, but I missed the YJ8AA that was very strong when he went QRT to watch Soccer on TV. I am glad to settle for the Christmas Island, however.

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [15446] 30M  
Message-ID: <199703230434.EAA04640@chuck.dallas.sgi.com>

Just a couple of quick notes to several inquiries.

Commercial RTTY

10.106MHz  
10.107MHz (oh, see why we use 10.116 instead of the previous line?)  
10.112MHz  
10.130MHz

These are the ones that I hear and I think the 10.130MHz is in Dallas. I hear it loud at all hours of the night. Don't know if it is active during the daylight hours. It may be outta Dallas county but can't tell for sure.

The most heard ZL on 30M that I have heard late at night is running 400W and he says so. I guess above 200W is legal in some countries but I don't remember reading it anywhere in print. The CQ Alamanac shows 200W is the limit (by Jim Dionne, K1MEM).

FYI

Chuck Adams K5FO CP-60 adams@sgi.com  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)  
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Phil Sikes" <psikes@whidbey.net>  
Subject: [15445] 30M antennas  
Message-ID: <199703230423.UAA15353@islander.whidbey.net>

Sorry about not putting this in the last post guys and gals. My main antenna for 30 meters is a full wave loop fed at the bottom center with RG8X coax into a 4:1 homebrew balun. Before I got this antenna raised up I was using a Batternut HF6V. The difference between these two is amazing. On most siganls the loop is from 5 to 7 s-units stronger than the vertical. The loop is up in a couple of 125' trees and the top is about 60 to 70 feet high. I don't know why the email is bouncing, I have been getting mail throughout the day. anyway, the address is: psikes@whidbey.net

72 - Phil  
Phil Sikes - KJ7NS  
ARCI #9196 - QRP-L #528  
FISTS #2602 - NW QRP #412

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Norm.Lee@flinders.edu.au (Norman J. Lee)  
Subject: [15495] 38 S  
Message-ID: <v01540b00af5b83933d5d@[129.96.234.104]>

Dear Friends

YESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYESYES

Another 38S springs to life!!

Thanks go to Mike, Marty (of ManThing fame - thanks Marty, right at the crucial moment, I really needed your humor!!) to Neils, Steve, Brian and Dave, not forgetting Ori, Jim and Doug for their encouragement. As you may recall, I had "audio" but no signal and the transmit was fine. I, too, had megohms at pin 6 of U5 instead of about 900 ohms. I traced this back but everything looked fine, resoldered a couple of dry-looking joints including pin 4 of U1, realigned the bits sticking out of the bottom of the board so they stood straight up and didn't short across anything and Presto!! You won't believe this but there was a station right on the frequency I opened up on calling CQ at about 40 wpm. I called straight back and it was Rob VK5RG about 3 kilometers away from me. We live in adjacent gullies of the Mount Lofty Ranges, tho' he is higher than I am. I know that he always has been sceptical of qrp, but I think I convinced him!

Anyway, I'm on the air - now for the mods. Can anyone answer the following:-

- i) where on the circuit would an S meter go?
- ii) Is it advisable to "pot" the torroids in araldite or something to stop strain and movement?
- iii) has anyone put the Rainbow into the same case?

BTW, Peter VK1PK, ok on hearing you on the net Friday, tho' I had a lot of qrn. If you are still having problems with your 38S, please call me on 08 8338 1815 (ah) or on this e-mail. I'm now an expert Hi! I'll be over in Giralang next Christmas, see you then. Also, any VK readers, I'm looking for a 6 meter rig, IC505, TS600 or similar.

TTFN

Norm VK5GI

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
Subject: [15428] 38S NO THUMPING  
Message-ID: <1.5.4.16.19970322053903.1f378040@cadvision.com>

Hi gang,

Just finished my 38S thump mod and it workes like a charm. A while back I built a 350mW audio amp on a little circuit board and installed it on to the volume on/off, control. The amp made the key thump worse to a degree of really bothersome. I remembered how the audio is muted during transmitt on the 49-er, so I installed the same circuit in between U2 pin 11 and C15 where I had cut the trace. The circuit is only four components, 10Meg resistor, 10nF(0.01uF) cap, 1N4148 diode and a 2N4858 FET. The reason for the choise of 2N4858 is that I had one in my junkbox. The components are mounted on the underside of the circuit board. The cathode of the diode goes to U4 pin 13, keying. Have a look at the 49-er schematic, Q1, R3, C8, D2 and it will all make sense, those who don't have one, look at the one on NorCals homepage. I now have a completely thump free 38S with the 5W variable mod set at about 3.5W, this seems to be a happy medium between output power, battery consumption and the size of heatsink I use. Don't know if I will do the RIT mod as my offset seems to be just perfect also I plan on using a spare Curtis Chip keyer I have because the sidetone osc in the 38S is such a good indicator of how the output RF signal is.

72 de Niels  
VE6NJK/TF3NJ

: Argonaut 509, Epiphyte, 49-er and a thump free 38S.  
: Oh yes, and my distinctive swing.

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Dale Wentz <slip50@accessus.net>  
Subject: [15463] 49er Boards, Kit  
Message-ID: <01BC3762.DC8BBF80@DRAGON>

I am looking for a unbuilt 49'er if anyone has one available.  
Are the boards available anywhere? I looked at the FAR site, but did not see them listed.

I have my 38S up and running, what a fine kit, think I will order another. But as I am a Tech Plus, I can not use it. :(

73's de KB9JJA/Dale

dwentz@accessus.net  
<http://users.accessus.net/~dwentz>

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Tj Johnston <tjohnsto@erols.com>  
Subject: [15471] 72???  
Message-ID: <3.0.1.32.19970323120621.007ad100@pop.erols.com>

As a newcomer I must ask.... I keep seeing 72/73 in the salutations. I am not familiar with 72... is it a QRP thing?

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>  
Subject: [15491] Alaska QSO Party  
Message-ID: <33358EDD.41C8@alaska.net>

Greetings from Alaska,

Sooooo.....how did you all do? I guess the QP is still going but I thought I would hear of a few successes. K5OI wrote a short note and he worked about 3 or 4 stations Friday night on 40 mtr and another 1 or 2 on Saturday.

Guess what? I have had trouble finding AK stations on the air from up here. KL7G has done some operating but haven't found the crowd (if there is one).

Take care.

73,  
Jim  
AL7FS

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: N4JS <n4js@amsat.org>  
Subject: [15442] Carolina Windom vs Dipole  
Message-ID: <v03020906af5a5442a354@[206.106.174.44]>

OK, Given a center height of 35', which ends at 20', which would be the better bet on 40M, a full sized inverted V (dipole) or the 40-10 Carolina Windom?

My antenna experience is dated. These "Carolina Windom, G5RV, etc." antenna are new to me. My favorite is still my old 180' Center fed Zepp, BUT I am looking for something to cover the unfavored directions on 40. (OK, with the intent of INCINERATING foxes next season!).

|                                                                                                                                           |                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>  _ _ _ _ _ _ _ _ _ _<br/>   \           _     / _ _  <br/>   . '     _ _         \ _ _ \<br/>   _   \ _   _   \ _ _ /   _ _ /</pre> | <p>John L. Sielke n4js@amsat.org n4js@pobox.com<br/>n4js@n4js.ampr.org NJ Grid:FM29LN<br/><a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> NJ-QRP #57<br/>QRP-L #884 QRP-ARCI #9328 NE-QRP #507<br/>G-QRP #9544 Norcal #???? QCWA Life Member</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Ed Tanton <n4xy@avana.net>  
Subject: [15427] Charger boards at FAR  
Message-ID: <3.0.1.32.19970322190416.0095d840@tiger.avana.net>

Hello all... Cla thought this would make a good note to the entire list, so I am forwarding it as I sent it... usual disclaimer abt no connections/etc. apply.

>Date: Sat, 22 Mar 1997 04:53:01 -0500  
>To: "Claton Cadmus" <aplitech@Spacestar.Net>

>From: Ed Tanton <n4xy@avana.net>  
>Subject: Charger boards at FAR  
>In-Reply-To: <199703220351.VAA03258@Spacestar.Net>  
>  
>Hi Cla... I got to thinking about it and dropped in of FAR Circuits' (PCB  
MFGR) web page and listed below is their entire stock of: "Battery Chargers  
& Solar Controller" PC Boards... and where they were published. How's this?!!!  
>  
>73'S Jun96 NICAD DISCHARGER BY KITCHENS \$4.50  
>73's Jun95 BATTERY MONITOR AND CHARGE CONTROLLER BY KITCHENS \$6.25  
>73's May94 TOGASHI FAST CHARGER USING MAXIUM713 IC, BD \$5.00; MAX713 IC  
\$9.00.  
>73's Nov93 SOLAR CONTROL-AR \$3.50  
>73's Jan94 QUAD CHARGER \$6.50  
>73's Jun93 PORTABLE PACKET DIGIPEATER \$8.00  
>73's Jun93 BUILDING AND USING N7APE NICAD ZAPPER (DISCONTINUED)  
>73's Jun93 BATTERY BACKUP CHARGER \$9.50  
>73's Jun93 PORTABLE DIGIPEATER BATTERY/SOLAR CONTROLLER, \$8.00  
>73's May93 BATTERY MONITOR CHARGER ALARM \$6.50  
>73's Sep92 NiCd RESTORER/ CHARGER (DISCONTINUED)  
>73's May92 BATTERY WATCHDOG \$3.00  
>73's Jun94 BRYCE MRP4 SOLAR PANEL CONTROLLER \$4.75  
>73's Aug91 QRP PULSE CHARGER \$6.75  
>ARRL HB 88-94 CHP 27 FIG 58 AA6PZ POWER CHARGER \$4.25  
>ARRL HB 88-94 CHP 27 FIG 61 CONTROLLED BATTERY CHARGER (Dec 82 QST) \$4.75  
>ARRL HB 88-92 CHP 27 FIG 68 EMERGENCY GELLED-ELECTROLYTE BATTERY CHARGER  
USING UC3900 IC \$4.00  
>ARRL HB 92 CHP 27 FIG 66 EMERGENCY GELLED-ELECTROLYTE BATTERY CHARGER  
USING UC3906 IC \$4.00  
>HR Mar90 SUPERCHARGER, LARGE BOARD \$9.75, SINGLE CHARGER BOARD \$2.00  
>NUTS AND VOLTS Feb96 NICAD BATTERY ZAPPER \$5.00  
>QST Aug95 BRYCE BATTERY SENTRY (PLATED THRU HOLES)\$18.00  
>QST Sep94 SMART CHARGER FOR NICAD BATTERIES BY AVRITCH WITH ALL  
CORRECTIONS AND UPDATES USING  
>MAX713 IC, BD \$4.00; MAX713 IC \$9.00.  
>QST Jun94 OVERVOLTAGE PROTECTION AC GENERATORS \$4.50  
>QST Mar94 SPENCER LEAD ACID BATTERY CHARGER BD \$4.50  
>QST Nov93 BRYCE LOW VOLTAGE DISCONNECT \$7.00  
>QST Oct93 BRYCE SUNSWITCH CONTROLLER \$7.00  
>QST Sep93 LONG HAUL BATTERY CHARGER \$4.50  
>QST Jan92 FET CHARGE CONTROLLER \$18.95  
72/73

Ed Tanton N4XY      EMAIL: n4xy@avana.net      TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail  
Marietta, GA 30068-3466

QRP-ARCI#7663      G-QRP#6779      OK-QRP#172      QRP-L#758      AdvRC#140

NORCAL#1779

NCDXF

SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA

URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: "Tero Ranta" <dixie@icenet.fi>

Subject: [15456] CW training program

Message-ID: <199703231248.0AA09879@icebox.icenet.fi>

Hi,

is there any CW training software with facility to connect CW paddle to computer?

Regards,

Tero Ranta

Vacuum Tube Tesla Coil Page:

<http://www.icenet.fi/~dixie/>

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: "Thomas J. Whalen" <whalen@swcp.com>

Subject: [15468] For Sale or Trade

Message-ID: <Pine.SUN.3.91.970323083246.17881A-100000@kitsune.swcp.com>

I have a Ten Tec model 250 power supply, which is the one used with the Argonaut and 405 amp combination. Guessing the supply is good for 8 amps. What do you have to trade? Supply is in excellent condition. Thanks, Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: Terry Pridgen <pridgent@pinn.net>

Subject: [15469] FOR TRADE

Message-ID: <33355C07.2187@pinn.net>



I have an Ten Ten Argonaut 505 and Model 210 power supply for trade.  
Looking to trade for a Drake reciever or older Hammarlund all bander.  
73, Terry KC4YTF

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: N3BJ@aol.com  
Subject: [15485] FS: A&A Engineering qrp xcvs  
Message-ID: <970323140928\_-1471394169@emout07.mail.aol.com>

For Sale:

A&A Engineering 30M qrp xcvr, unbuilt, in box - Original cost \$160 + shipping  
\$115 shipped

A&A Engineering 20M qrp xcvr, built, less ICs (commonly available), good  
condition

\$75 shipped

Alan, N3BJ

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: N3BJ@aol.com  
Subject: [15484] FS: HW7 (needs work)  
Message-ID: <970323140253\_1983211136@emout15.mail.aol.com>

For Sale: Heath HW7, needs mixer transistor replaced.

In good condition, with original manual.

\$50 shipped

Alan, N3BJ

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "James S. Braun" <jsbraun@frontiernet.net>  
Subject: [15435] FS: Ten Tec Argosy 525 \$350  
Message-ID: <3334B360.53A2@frontiernet.net>

I have for sale a Ten Tec Argosy 525.  
In very good condition w/ manual.

Only problem is no output on 30m (receive on 30m appears to work), and all other bands work fine with full output.

I am asking \$350

If interested I can be reached at (716)367-9826  
or via e-mail at: jsbraun@frontiernet.net

Thanks/ 73's  
Scott  
KB2GWF

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Dave Fifield <fifield@pacbell.net>  
Subject: [15443] FS: Yaesu QRP Rig  
Message-ID: <33351561.3474@pacbell.net>

Hi folks,

I have decided to make space in my shack by selling the following items:

- 1) Yaesu FT-301s QRP HF rig (160/80/40/20/10m plus 11m and WWV Rx)  
Adjustable power out (from front panel) from 0 to about 10 Watts  
With: 12V power cord, Mic, Manual, all acc. connectors.

\$260 shipped (conus), electrically fb, physically "used".

- 2) Yaesu FT-301 100Watt version of the above  
With: Matching FP-301 a.c. power supply/speaker, mic, manual.

\$260 shipped (conus), electrically fb, physically "used".

OR, you can buy 'em both for \$500!!

Please reply directly to fifield@pacbell.net

72, Dave Fifield, KQ6FR

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Brian K. Short KE7GH" <ke7gh@primenet.com> (by way of "Brian K. Short KE7GH" <ke7gh@primenet.com>)  
Subject: [15472] Fwd: SST Prelim Info...  
Message-ID: <3.0.1.32.19970323173852.0071108c@mailhost.primenet.com>

Others asked me, so this must be on everyone's mind. It was sent to me privately by N4JS (thanks), but here goes. 73, Brian ke7gh@qsl.net

-----

On to the real business:

Since so many people have been prodding me for SST info, here is the latest.

The SST is going to be offered for 20m, 30m, 40m, and 40m/novice.

The final parts count is about 77. To put this in context, the NW8020 has 150 parts, the NorCal 40A has 120, and the 38-Special has 100. My goal with the SST was to see just how low you could go and still have really good performance.

The SST receiver is a superhet with a sharp, three-crystal filter, operating at a low I.F. (around 4MHz). The receiver uses a novel AGC circuit employing a single LED as both the detector and signal indicator (more on this in the article). The AF gain control and headphone jack are on the front panel. The RF gain is rarely used in the SST, so I put it on the back.

The transmitter has *\*really\** fast, exceptionally clean (I mean totally thump-free) QSK with TX monitoring, as in the '40A. Power output is around 2 watts on all three bands with a 13.8V supply, and proportionally less at 12V or 9V. Power out is adjustable down to zero.

I decided to go with a varactor-controlled VXO rather than a VFO. Stability is excellent. Frequency coverage (approximate):

|            |                 |
|------------|-----------------|
| 40m        | 7.032 - 7.042   |
| 40m/novice | 7.105 - 7.115   |
| 30m        | 10.105 - 10.120 |
| 20m        | 14.046 - 14.064 |

VXO range can be increased by switching in a second varactor. All VXO and I.F. crystals used are *\*standard\** frequencies available from Digikey.

The custom enclosure is about 3W x 3.5D x 1.5H", and will be supplied unfinished. Since the box is so small, I went with .050 aluminum to reduce weight. (With a KC1 on the top and an internal 9V lithium battery, the SST makes a great TFR! It so completely out-performs the 40-9er that I wish I had done the SST first :)

I'm sending the article to Doug today, and it will appear in the next QRPP. The article describes primarily the 40m version, but component details on all bands will be provided with the kit and published in a subsequent issue of QRPP. The kit will come with all controls, connectors, and cabinet.

The club price will be announced in the article, and orders will be taken until May 1 at that price. Delivery of the kits will likely be in late May.

I don't know if orders will be taken prior to the publication of QRPP. I'll have to check with Bob Dyer at Wilderness Radio, who is doing the kitting for the club. In any case, there will be \*no limit\* on the number of kits sold at the club price as long as the orders are received by May 1. After that, field-test data will be used to update the design, and if all goes well it may become a Wilderness kit at a slightly higher price. Stay tuned for details.

73,  
Wayne  
N6KR

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>  
Subject: [15438] How To Order QRPP Back Issues?  
Message-ID: <3.0.1.32.19970323023038.006a5b34@mailhost.primenet.com>

Sounds like one of the BEST sources of QRP information is the QRPP (NorCal) back issues.

Since I recently joined (and subscribed), I have NOT yet received my first issue (or my "number"). No hurry here!

I am curious how to purchase or acquire the past issues?  
Cost? Address? Other?

-Brian ke7gh@qsl.net

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Steve Miller <kg7pv@teleport.com>  
Subject: [15429] HW7 - low output  
Message-ID: <1.5.4.32.19970323005226.00671a98@mail.teleport.com>

Have been fooling with a HW7 for a friend. Had a bad final which I replaced due to a broken lead. Output now is about 1/2 watt on each of the bands. Any hints on why. The rig seems to tune up ok and no obvious bad parts. I recall some posts a while back about HW8's with low output and old

cores so I redid the inductors in the output filter on one band which had no impact so am looking for ideas from some who has been down this road before. 73

Steve Miller kg7pv @ teleport.com Portland, OR  
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [15461] Leftover LDG AT-11 tuners!  
Message-ID: <Pine.3.89.9703230829.A11011-0100000@w3eax.umd.edu>

In the interest of fairness,

I am NOT doing another group purchase (yet).

Maybe someday.

This is more of a raffle, opening NOW and closing MIDNIGHT TUESDAY, for however many tuners I have. The prize? You get one of the leftover group purchase kits.

-----  
For now, I'm going to say that I have either two or three <<extra>> AT-11 tuner kits, with enclosures. My credit card bill is in. It's time for me to pay up, and it's time for these to mooooooove.

IF YOU ARE INTERESTED

-----  
These came from the last bunch that was sent to me - answering the backorders and "really late" orders.

The normal price, once again, is \$150 for the tuner plus \$30 for the case.

The shipped price for these (tuner AND case) will run between \$155 and \$163 depending on where you are in the US, more if you live in Canada or overseas.

If interested, call me or e-mail me. You will be notified in any case.

Any names I receive will be dropped into a proverbial hat. For as many tuners as I have, names will be chosen at random.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*

\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: ROYGREGSON@aol.com  
Subject: [15449] lost mail  
Message-ID: <970323011712\_887096498@emout05.mail.aol.com>

Jim KC1FB , tried to answer your e-mail, have bad address, was returned..  
Roy

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "J. W. Stevens" <stevensj@sound.net>  
Subject: [15494] MFJ-90x0 Reflector  
Message-ID: <01BC37A1.3D53DDA0@cnc036031.concentric.net>

Is there a reflector for the MFJ-90x0 series of rigs?

John Stevens K5JS  
stevensj@sound.net

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: george fremin iii <geoiiii@bga.com>  
Subject: [15444] My 38 Special  
Message-ID: <199703230335.VAA09827@zoom.bga.com>

Hi,

I am new to the list - I subscribed just over a week ago when my 38S showed up in the mailbox. I found out about the 38s when I was looing through QST and saw the product announcement for the TiCK keyer chip - I went to their web page and saw the link to NorCal - when I saw the page on the 38s I had to have one.

I have been thinking of building a small single board QRP transceiver for sometime (years!) and the 38s just seemed to fill the bill and at the price I figured if it didn't even work I could afford it.

So it showed up and I built it over 2 days - it worked when I first turned it on and I have been very pleased. After seeing how the TiCK keyer went on the board with the 38s I ordered one of those as well - the Tick came today - so I put it in and it is WAY cool.

Today when I put the TiCK keyer on the board I also did the PIN switch mod suggested by Mike K1MG. The only other mod that I have done is the K8IQY mod to allow for adjusting the VXO lower frequency as I was getting tired of hearing the edges of things going on just below the tuning range of my radio - 10.103.5 - and his mod fixed that very well now my radio tunes from 10.099.5 to 10.122.5 or so.

So far I have been having a blast on 30m with the rig - my antenna here at the house is an inverted vee at 20' but I think I will make a few trips up to the University of Texas club station where we have an inverted vee at about 120' and see how the rig sounds from there.

Anyway - just thought I would pass along my 38s story as I am very happy with this little radio. It is just what I was looking for in a transceiver.

CU on 30m

--

George Fremin III  
Austin, Texas C.K.U. "I'm on a mexican radio"  
K5TR ex. WB5VZL - Wall of Voodoo  
aska: W5KFT, 6D2X and others over the years.  
512/416-7010  
geoiiii@bga.com

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [15475] Panel labels  
Message-ID: <M1355129.002.ic152.1.970323174618Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Marty:

I've seen a few home brew rigs with nice front panels. The fellows used a clean front surface, then covered it with a transparent plastic with the labeling on it. I think they use the stuff you can put through a copier then show on an overhead projector. Transparencies, that's what they are called.

You can make up your front panel drawing on the computer, and print it directly on a transparency. Cut it out and fix it to the front of the rig, and there you are.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: gsurrency@juno.com (Gary L Surrency)  
Subject: [15474] Pot tab holes  
Message-ID: <19970323.104048.3606.0.gsurrency@juno.com>

Dave,

I have made a mark for this little tab by simply temporarily placing the pot thru the front of the panel and gently turning it to and fro, thereby scoring a small mark on the metal. Only a light pressure is needed to make a mark on plain aluminum. Note that you need to determine which side of the pot's shaft hole to make the mark by looking at the inside of the panel with the pot in the orientation it will be when finally installed. You will then need to rotate the pot 180 degrees from the position it is installed on the inside of the panel for making the mark from the front of the panel.

If the case is not bare metal and is painted, a little bit of ink or tiny blob of paint can be placed on the tab. This will transfer its location to the painted panel. If you first make light pencil marks for the horizontal part of the pot's shaft centerline, you will know right where to place the mark from the pot tab. I always make a light pencil line all the way across the front panel right in the center, and erase it when I'm all finished with locating hole for switches and shafts.

Double check the centerline of the mark to be sure nothing slipped during this process by again placing the pot in place to see the mark is accurate. Make a very small center punch mark at the location you have arrived at. Again, check it with the pot be sure you weren't off a little before putting the big center punch to it. I use an automatic, spring loaded center punch because it requires only one hand to operate.

Start with a small drill, 1/16" or so, and very carefully drill being careful the drill does not "walk". Check the little hole again with the pot to see if it looks correct. Small errors can be corrected by careful manipulation of the drill as you work up to the final size hole needed to pass the pot's tab. I usually stay a little undersize if my accuracy has been good, because when you install the pot with the shaft nut, it will pull into place tightly and not wiggle.



This same method can be used from toggle switches that have the little washer with the locking tab, but it is probably more trouble than it is worth since a good lockwasher from the rear panel will "bite" into the metal and keep the switch from rotating if a second lock nut is used and tightened from the rear panel while holding the nut on the front panel from turning.

I did make the 2 toggle switch locking washer holes for my AT-11 antenna tuner toggle switches, in the R/S cabinet this way, but it took a lot of care and time to get it right. The main thing to worry about is not scratching the finish if the panel is already painted. Otherwise, all of your marks and measurement lines can be scrubbed off with ScotchBrite and cleanser or something similar before you paint or anodize the finish.

Good luck and cheers!

Gary Surrency AB7MY

S&S TAC-1(40&80m) and ARK30, OHR100 20m, AT-11 (QRO and QRP)

QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

Az ScQRPions

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: Mark Saunders <tracker@dancris.com>

Subject: [15496] QRP Outing --- BUST!

Message-ID: <3335BA78.4D69@dancris.com>

Well gang,

Thanks to those who were around to work me on my QRP outing. I made 3 contacts and you will be getting a photo QSL card of me and my Sierra in the field.

I guess I chose a poor antenna design, inverted vee made with 300 ohm twin lead up 45 feet. It loaded up fine, but most stations could not hear me and I could not hear them very well. I guess that is what happens when you don't have much time to put things together. Next time I'll have a better antenna. Thanks again to those who kept with me for a contact.

Mark Saunders -- KJ7BS

Glendale, Arizona

<http://www.dancris.com/~tracker/tracker.html>

tracker@dancris.com

KJ7BS@KC7Y.AZ.USA.NOAM

FISTS # 2972 QRP-L # 1028

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>  
Subject: [15492] RadioKit Reflector?  
Message-ID: <3.0.1.32.19970323204535.0074305c@mailhost.primenet.com>

With all the new email reflectors for every brand radio  
(e.g. Heath, Drake, Yaesu, TenTec, etc...) there MUST be  
a mailing list for RadioKit?

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>  
Subject: [15439] SST Info?  
Message-ID: <3.0.1.32.19970323023620.0070902c@mailhost.primenet.com>

Have ordered a 40m SST, but am casually curious  
about any preliminary design details?

Brian Short 1994 E Laguna Dr Tempe, Az 85282 (602)839-3484 ke7gh@qsl.net

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Tj Johnston <tjohnsto@erols.com>  
Subject: [15473] Thanks to all  
Message-ID: <3.0.1.32.19970323122244.007af510@pop.erols.com>

Thank you to all who responded to my message regarding 72/73.

It is an honor to be a part of this group and I will endeavor to  
participate as much as possible..

Tj Johnston, N4UYQ (Now 4 Using Your Qrp)

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: timcook@erinet.com  
Subject: [15455] TRADE: Ten Tec filters  
Message-ID: <33351CBF.3F3C@erinet.com>

would like to trade a model 218 1.8 Khz ssb filter for a model 217 500hz  
cw filter. Please email if interested. Thanks  
Tim  
NZ8J

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [15440] Verns SLV in next QRPP  
Message-ID: <199703230231.TAA10370@zia.aoc.nrao.edu>

For those of you interested in the W6MMA mods for the St. Louis Vertical,  
Vern has written a 6 page article about it for the next QRPP. He asked  
me to do some drawings showing the details of the coil and base assembly,  
which I did last night and rushed to Doug as the next QRPP is about ready  
to go. (Yes, Vern, the drawings are done!). The drawings show how Vern  
machines out the coil assemblies on his lathe, etc., and sufficient to  
allow others to emulate the approach for those so inclined.

Also finished 4 pages of drawings for the next QRPP Hints and Kinks on  
building enclosures from aluminum to copper clad. Thanks to all of you  
who emailed or snail mailed me with ideas. Too many to use this issue,  
so the next issue will be a continuation of enclosures and construction  
methods.

The next issue will also have the schematic and info on Wayne's new SST,  
and an updated schematic of the 38-S with voltages and waveforms. Those  
are just the things I know about ... who knows what else Doug has put  
together.

Are we having fun yet?

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Steve/NOTU <NOTU@webaccess.net>  
Subject: [15486] Yet Another 38s has a PULSE! - YAH00000!  
Message-ID: <33358179.359D@webaccess.net>

I've been delaying turning on the 38s for fear it was going to smoke! I

bought the RS modem case the other day and I have all the off board pots and connectors wired up. I've checked and double checked most of the circuitry and still hadn't applied the power. No power - no smoke. This morn I said "Now or never". I started out w/9Vdc battery figuring it wouldn't offer much current if the radio was hungry for the stuff...I noticed that it drew about 28mils...and I heard only a oscillating tone in the headphones...HMMMMM...I checked the bottomside of the PCB again for bridges found a few specks of solder but no bridges! So I thought lets try 12Vdc...No oscilation...just hisss... wonderful hiss. Tuned up the RX and heard strong (589) KQ6ES calling CQ...I quickly switched to the dummy load tweaked the TX for good a note, switch back to the attic antenna and gave him a call with my 200mw powerhouse. He came back! Then gave me a 559!. WOW! I was so excited, this was my first time on 30m!! The XYL walked in the room...I saw her lips move..she might have said something but I couldn't deal with anything except the 38s so I just waved and she disappeared. What a neat band not much noise or QRM! What a NEAT little rig!! I was so pumped I was barely able to copy his 15+ wpm! We finished the QSO with John saying he couldn't believe I was using a dipole in the attic runing 200mw "impressive". He was using 90w...I thanked him for hanging in their w/me as QSB was making copy a lil ruff on his end...but he never lost my 200mw!

THANK YOU!! NORCAL... and the dedicated crew for another 'first' QSO in my HR/QRP life...great sport this rolling your own QRP! SO what's this about the TFR..SST... hmmm... how about one for each band!!  
72/Steve.

-----  
"Just doing it" - Havin'a blast buildin'& usin' QRP gear that is...  
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911  
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: [15441] [Fwd: W6MMA SLV Mod]  
Message-ID: <3334A025.3F1B@dancris.com>

This is a multi-part message in MIME format.

-----1D934ED781F  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I didn't see this come back on the list after my ISP locked up. Hope it's not "old news".

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9  
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

-----1D934ED781F  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Message-ID: <3334926D.8E1@dancris.com>  
From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Bob Follett" <bfollett@ditell.com>  
Subject: [15498] RE: "How can I keep from working?"  
Message-ID: <199703232358.QAA12251@mars.ditell.com>

Gang:

Dan's answer to Eric's original question:

<<> So, how can I . . .  
>WITHOUT working?

> I'm SURE the answer to this question is in my License  
>Exam Study Book - I must have skipped over it accidentally..

Geeez, Eric!

Haven't you been reading my posts??! It's in  
THE HANDBOOK. ....snip>>

Nooo, all wrong! You have to read Wayne Green's columns for the answer! :-)  
:-)

Sorry, I couldn't resist -- 73, Bob

-----  
Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Kory Hamzeh <kory@avatar.com>

Subject: [15477] Re: 49er Boards, Kit

Message-ID: <Pine.BSI.3.91.970323100411.1849E-1000000@avatar.avatar.com>

I'm also looking for a 49er kit also. Any information would be greatly appreciated!

Thanks,  
Kory  
AC6RN

On Sun, 23 Mar 1997, Dale Wentz wrote:

> I am looking for a unbuilt 49'er if anyone has one available.  
> Are the boards available anywhere? I looked at the FAR site, but did not see them listed.  
>  
> I have my 38S up and running, what a fine kit, think I will order another. But as I am a Tech Plus, I can not use it. :(  
>  
>  
>  
> 73's de KB9JJA/Dale  
>  
> dwentz@accessus.net  
> <http://users.accessus.net/~dwentz>  
>  
>  
>  
>  
>

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: w7rfm@juno.com (John E Hirsch)

Subject: [15488] Re: 49er Boards, Kit

Message-ID: <19970323.114835.2750.2.w7rfm@juno.com>

I to am looking for the 49er boards. I know that the kit is no longer for sale but would like to know where I could get a board and manual for the 49er, want to start getting parts together incase the boards are made by someone else.

John, W7RFM

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Tj Johnston <tjohnsto@erols.com>  
Subject: [15490] Re: 49er Boards, Kit  
Message-ID: <3.0.1.32.19970323150230.007b8490@pop.erols.com>

At 02:53 PM 3/23/97 EST, John E Hirsch wrote:

>I to am looking for the 49er boards. I know that the kit is no longer for  
>sale but would like to know where I could get a board and manual for the  
>49er, want to start getting parts together incase the boards are made by  
>someone else.

>

>John, W7RFM

>

>

Maybe the Authors would be so kind as to make the manual, parts list,  
schematic, PCB and component layout available.. since it is no longer in  
production....

Hint Hint.... wink wink....

72/73,

Tj Johnston, N4UYQ (Tech+) QRP-L member #1057  
formerly KA4GVW (Novice)  
Ashland, Virginia (Hanover County) FM17  
Richmond Amateur Telecommunications Society  
<http://www.rats.net>

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Bill Todd <bill@techline.com>  
Subject: [15476] Re: 72???  
Message-ID: <1.5.4.32.19970323175226.0068dd84@mail.techline.com>

At 12:06 PM 3/23/97 -0500, you wrote:

>As a newcomer I must ask.... I keep seeing 72/73 in the salutations. I am  
>not familiar with 72... is it a QRP thing?

Hi there, and welcome to the group!

"72" is a way for QRPers to say 73. However, there is a secret society of  
QRPers who believe that "72" is ALSO a coded message which means;

"Please pass the turnips and I will pass you the baked beans"

I know I will get in trouble for this...but the secret must be told!!

Bill-N7MFB  
Bay Center, WA  
>

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: James Parsons <k5rov1@worldnet.att.net>  
Subject: [15478] Re: 72???  
Message-ID: <3335730D.6C03@worldnet.att.net>

Bill Todd wrote:

>  
> At 12:06 PM 3/23/97 -0500, you wrote:  
> >As a newcomer I must ask.... I keep seeing 72/73 in the salutations. I am  
> >not familiar with 72... is it a QRP thing?  
>  
> Hi there, and welcome to the group!  
>  
> "72" is a way for QRPers to say 73. However, there is a secret society of  
> QRPers who believe that "72" is ALSO a coded message which means;  
>  
> "Please pass the turnips and I will pass you the baked beans"  
>  
> I know I will get in trouble for this...but the secret must be told!!  
>  
> Bill-N7MFB  
> Bay Center, WA  
> >

Good Gosh, bill...I didn't know that! I been using 72 for a long time,  
and, thankfully, nobody has yet passed me the turnips. I am sure glad  
because I don't really care for them. But, the next time I go to a QRP  
dinner, I shall use it often, so that I can get some free food passed to  
me. At 70, there nothing much left for me to enjoy, except for QRP and  
food. Sorry, but the food takes priority.

73

--

Jim, K5rov  
k5rov1@worldnet.att.net  
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),  
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).  
JOHN 3:16



From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Phil, K6LS" <k6ls@amsat.org>  
Subject: [15479] Re: 72???  
Message-ID: <3335694C.C7D@amsat.org>

Bill Todd wrote:

>  
> "72" is a way for QRPers to say 73. However, there is a secret society of  
> QRPers who believe that "72" is ALSO a coded message which means;  
>  
> "Please pass the turnips and I will pass you the baked beans"  
>  
> I know I will get in trouble for this...but the secret must be told!!  
>  
> Bill-N7MFB

Now hold on there a minuite. Who is this 'Bill-N7MFB' ??????  
never heard of him, matter of fact, I dont think that is a 'real'  
callsign.  
Looks like we have an imposter amungst us!!! or worse- a SPY!!!!

I have NO past, present or future knowledge of there being any 'secret'  
meaning to "72". what is this nonsense?????? "secret" - HA!  
"secret Society" even funnier!! "coded message" - thats funny too!!

hahahahahaahahahaha ;-)

HI, 72 de Phil K6LS

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Richard Wilkerson <richqrp@cts.com>  
Subject: [15480] Re: 72???  
Message-ID: <33357980.77FA@cts.com>

> Bill Todd wrote:  
> >  
> > "72" is a way for QRPers to say 73. However, there is a secret society of  
> > QRPers who believe that "72" is ALSO a coded message which means;  
> >  
> > "Please pass the turnips and I will pass you the baked beans"  
> >  
> > I know I will get in trouble for this...but the secret must be told!!

\*\*\*\*\*

Well I guess this is OK??? This is "OUR" secret site, right?? No one else knows about this list, right???? Kinda like "OUR" secret Frequency.....72's.....rich

--

Rich Wilkerson, WD6FDD, Santee, Ca.  
ScQRPions

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: wylde@nccn.net (Grover Cleveland)  
Subject: [15482] Re: 72???  
Message-ID: <v02130503af5b2e97c33b@[205.139.74.201]>

At 10:42 AM 3/23/97, Richard Wilkerson wrote:

>> Bill Todd wrote:

>> >

>> > "72" is a way for QRPers to say 73. However, there is a secret society of  
>> > QRPers who believe that "72" is ALSO a coded message which means;

>> >

>> > "Please pass the turnips and I will pass you the baked beans"

>> >

>> > I know I will get in trouble for this...but the secret must be told!!

>

\*\*\*\*\*

No, no. no! It really means simply "pass me some more beans." If you watch the movie "Blazing Saddles" and listen carefully to the campfire scene, you can here one of the cowboys say "72" at which point someone passes the beans.

I thought everyone knew that.

Grover  
K7TP

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>  
Subject: [15493] Re: Alaska QSO Party  
Message-ID: <Pine.A41.3.95q.970323141725.19604A-100000@hector.NMSU.Edu>

Jim:

Worked 4 stations, 3 multipliers (Anchorage, Eagle River, and Wasilla) for a total of  $4 \times 3 \times 2 = 24$  points. All on 40m cw. Never did hear an AK station on any other bands. Kind of slow for a QSO Party. Heard lots of other stations calling "CQ AK TEST" but no takers. Guess conditions were not good. Take care. (21:25Z)

Tim K5OI  
Las Cruces, NM

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: GREGOIRE@endor.com  
Subject: [15487] RE: Antenna discharge question  
Message-ID: <Chameleon.970323192412.GREGOIRE@Gregoire.endor.com>

Hello Gang,

I use a lightning arrestor from "Industrial Communication Engineering", model 301.

rated at 1.5 KW 50 ohms.

It works on the guzinta guzahtah principle,  
( This is Yankee speak for goes into and goes out of )

The signal goes into and out of it, and it has a ground post for the static charge to do the same thing.

Bought it from Radioware,P.O. box 1478,Westford Ma.01886

800-950-9273

Nice folks to do business with.

-----  
QRP de AA1IK,  
Ernie Gregoire  
-----

WIMPS CW

|        |                      |                      |                      |
|--------|----------------------|----------------------|----------------------|
| DX     | 30M/WRK/CMF<br>00 00 | 17M/WRK/CMF<br>00 00 | 12M/WRK/CMF<br>00 00 |
| ST/PRV | 30M/WRK/CMF<br>00 00 | 17M/WRK/CMF<br>00 00 | 12M/WRK/CMF<br>00 00 |

-----  
RTTY

WIMPS SSB

|        |             |             |             |
|--------|-------------|-------------|-------------|
| DX     | 30M/WRK/CMF | 17M/WRK/CMF | 12M/WRK/CMF |
|        | 00 00       | 00 00       | 00 00       |
| ST/PRV | 30M/WRK/CMF | 17M/WRK/CMF | 12M/WRK/CMF |
|        | 00 00       | 00 00       | 00 00       |

-----  
03/23/97 19:13:29

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: dwink@juno.com (Daniel C Winkler)  
Subject: [15432] Re: Asking Questions; 73 back issues  
Message-ID: <19970322.172000.4423.23.DWink@juno.com>

OK, Gang,

I am probably going to get flamed for this (again), but I really think it needs to be said.

If you ask a question of the list, you should be as specific as you can. Don't ask an open ended question (see below) (philosophic or rhetorical questions excluded). Supply as much detail as you can. Half-baked questions waste time.

Ken, I am picking on you only because you were the next to cross my sights with the problem. I could cite a dozen recent examples. On technical problems, I think folks have an obligation to TRY to solve the problem themselves first. Read about it in the Handbook and/or wherever else you can. Poke around a little with the circuit. Re-check your measurements. THEN get on the list and tell us your problem. Tell us what you tried, what you measured ("trees are 180' apart, running N/S", "U4D pin 15 0.7v R, 5v T"), and what your objective is (eg, for antenna questions we need to know the frequency!). Tell us what restrictions you have ("Lot is only 30 x 50", "have DVM but no scope").

Yes, I have back issues of 73, although they are difficult to retrieve- only the QST is well-ordered at present. What do you need?

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

-----whom the gods would destroy, they first make proud -----

On Thu, 20 Mar 1997 20:22:43 EST n4so@juno.com (CHARLES K BROWN) writes:  
>I lost some back issues of 73 Magazine from a year or two  
>ago. Anyone on the list have 73 Mag. on the bookshelf?  
>Specific articles from three of the magazines are needed for my  
>datafiles.

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Ed Tanton <n4xy@avana.net>  
Subject: [15481] Re: Case construction tips/holding pots  
Message-ID: <3.0.1.32.19970323135100.009ba970@tiger.avana.net>

If you keep your eyes open in tearing down old stuff and at flea markets,  
there are some very capable lockwashers available for pots/etc. You put the  
lockwasher on the POT-side of the panel.

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX  
189 Pioneer Trail  
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140  
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA  
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: /PN=Dave.Ackrill/0=westwood45/@powergen.co.uk  
Subject: [15452] Re: Case construction tips?  
Message-ID: <970323104850Z\*/G=Dave/S=Ackrill/0=westwood45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB@MHS>

Here is another question about making holes in aluminium cases.

How do you make the little slot needed just a little away from the

main hole for some potentiometers (variable resistors) that stops them spinning behind the panel when varying the control?

Up until now I've always cut the tag off and made sure I've tightened the retaining nut so that it won't spin, but after a while the nut comes loose, especially on controls that are often used.

The same question applied to the collar on some switches which have a tag on them to locate them in the correct position.

Thanks in anticipation.

72 de Dave (G0DJJA)

"How far that little candle throws its beams!" Merchant of Venice  
Act 5

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Chris Cartwright <ccart@dns.vidtel.com>  
Subject: [15453] Re: Case construction tips?  
Message-ID: <Pine.LNX.3.93.970323065046.368A-100000@dns.vidtel.com>

On 23 Mar 1997 /PN=Dave.Ackrill/0=westwood45/@powergen.co.uk wrote:

> How do you make the little slot needed just a little away from the  
> main hole for some potentiometers (variable resistors) that stops them

I've been known to drill two small holes and the file it in to a slot. Generally though, I just drill a hole big enough to hold the tab, (1/8"?), and let the skirt of the knob cover it. When appearance is a must (fixing commercial stuff, never HB, hi) sometimes I'll cut the tab down a bit with a nibbler and then use a much smaller hole (1/16 or less). On a few occasions I've put a blob of hot glue between the pot and the case to hold the ones with no tab. Obvious cautions apply if you're going with the glue method though.

|                                           |  |                                |
|-------------------------------------------|--|--------------------------------|
| -- Christopher Cartwright, Tech. Engineer |  | ...our chief weapons are fear, |
| -- Voice 301.990.0735 N3XRV QRP-L #655    |  | fear and surprise, and nice    |
| -- Mail ccart@vidtel.com                  |  | red uniforms, oh damn!!        |
| -- ccart@erols.com                        |  | -- Monty Python                |

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997

From: "Claton Cadmus" <aplitech@Spacestar.Net>  
Subject: [15462] Re: Case construction tips?  
Message-ID: <199703231402.IAA23431@Spacestar.Net>

Dave (G0DJJA) wrote:

: How do you make the little slot needed just a little away from the  
: main hole for some potentiometers (variable resistors) that stops  
them  
: spinning behind the panel when varying the control?

I drill a small hole for the tab to fit in. Or here's a neat trick on pots without tabs. Use a piece(s) of the double stick foam tape sold in hardware stores for mounting stuff to walls. Place a piece either side on the pot body. Put the pot in the hole and press firmly. When you tighten the nut it keeps the pot from turning and the foam compresses for a good fit. Can be a bit difficult to remove the pot after though.

Hope this Helps

----

73 de KA0GKC Claton Cadmus  
E-mail cla@spacestar.net  
TCP/IP ka0gkc@ka0gkc.ampr.org  
Ask me about the Minnesota QRP Society!  
<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Wa2eaw@aol.com  
Subject: [15466] Re: Case construction tips?  
Message-ID: <970323094036\_-1303897166@emout19.mail.aol.com>

Hello Dave;

I have read the responses to your question.  
Here is what I have done. If it is home brew, as the others have said, drill a small hole for the tab. But if there is no tab or it most look like commercial gear I do the following; if there is a tab I file it off. If the case of the "pot" is metal I put a drop of solder to hold it to the case. If you don't like that, try finger nail polish. Its really laquer that is red. After the "pot" is set in place and the nut on the control shaft has been tightened, paint the area where the body of the "pot" touches the case. Let it dry and the "pot" should stay in place. Then there is chewing gum. Juicy Fruit flavor may do the job.  
72 de WA2EAW...Bob

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: launerb@crl.com (William H. Launer)  
Subject: [15470] Re: Case construction tips?  
Message-ID: <v01530500af5b1100123f@[192.0.2.1]>

Dave,

> How do you make the little slot needed just a little away from the  
> main hole for some potentiometers (variable resistors) that stops them  
> spinning behind the panel when varying the control?

I simply drill a 1/8" hole the proper distance from the center of the main mounting hole. This was the standard practice we used when I worked in the aerospace industry. It works very well. You may want to drill a smaller hole for miniature controls.

72/73 Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-1 #279 qrp arc1 #3551  
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Dan Hogan <dhhogan@lightside.com>  
Subject: [15483] Re: Case construction tips?  
Message-ID: <3.0.16.19970323105958.19dfc6de@mail.lightside.com>

Dave:

When I needed the stop. I have always just drilled a small hole to accomdate it. It doesn't have to be the exact size.

At 10:41 3/23/97 +0000, /PN=Dave.Ackrill/0=westwood45/@powergen.co.uk Wrote  
[Snip]



> How do you make the little slot needed just a little away from the  
> main hole for some potentiometers (variable resistors) that stops them  
> spinning behind the panel when varying the control?  
[Snip]

Dan Hogan  
West Covina, CA  
dhhogan@lightside.com

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [15450] Re: FET Data  
Message-ID: <Pine.A41.3.95b.970322231948.97068D-1000000@homer28.u.washington.edu>

The VN series are NMOS power FET transistors. Potentially a very interesting device. I might have the specs at work, not here at home. What comes to mind as vendors is Siliconix and International Rectifier. Will search for the answers on Monday.

Stephen Lee, AB7HI, Tacoma, WA  
slee@u.washington.edu

On Sat, 22 Mar 1997, KA5T Larry Wise wrote:  
> Gang:  
> Can anyone send me the specs on the device:  
> VN1106N2  
> Found a bag full at the local parts place...  
> Tried the motorola site and the U Penn site  
> No joy at MOT and they don't like my browser at U Penn....  
> Thanks  
> KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89  
> WIMPS: Qs=000 30m=000 17m=000 12m=000 States=00/00/00 DX=000/000/000

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: dwink@juno.com (Daniel C Winkler)  
Subject: [15431] Re: Help: Gel Cell Charging circuit-wanted  
Message-ID: <19970322.171959.4423.16.DWink@juno.com>

On Fri, 21 Mar 1997 11:42:35 -0600 "Claton Cadmus"  
<aplitech@Spacestar.Net> writes:

>I find myself in need of a 12 volt gel cell charging circuit

There are two in the 1995 Handbook, p 11.34 and p11.36. The first uses a UC3906, a special part. I don't know where you could get one. The article says a complete kit is available from A&A Engineering.

The second circuit, by Michael Bryce, appeared first in the Oct 93 issue of QST. It uses readily available parts. It is called the Solarswitch, but could easily be run off a DC supply. The complete kit is \$42.50 shipped, from SunLight Energy Systems, 2225 Mayflower NW, Massillon, OH 44646. They also have PC boards (palin \$8.50, silkscreened & drilled for\$12, plus \$1 shipping). FAR circuits also have boards. ARRL has templates.

Jade Electronics also sells a kit for charging gel cells. They were one of the vendors at FDIW last year. Their unit is well built, but a little expensive, IMO. I believe it also uses the gel-cell charging smart-chip that is on the market. I have seen their ads in recent QSTs.

>charger must be capable of bringing the 4 amp hour battery to full  
>charge in a matter of hours.

That's tough on the batteries. All of the above kits can be made to do this, but it will shorten battery life.

Hope this helps.

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA  
-----whom the gods would destroy, they first make proud -----

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [15437] Re: Help: Gel Cell Charging circuit-wanted  
Message-ID: <19970323.210512.4671.1.wb2vuo@juno.com>

----- Begin forwarded message -----  
From: dwink@juno.com (Daniel C Winkler)  
Subject: Re: Help: Gel Cell Charging circuit-wanted  
From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: K4AHK@ix.netcom.com

Subject: [15454] Re: Help: Gel Cell Charging circuit-wanted  
Message-ID: <33351D17.71EC@ix.netcom.com>

I built the A&A Engineering 'Smart Battery Charger' from a kit several years ago. I use it for both gel-cells and a larger sealed lead/acid battery. It works great. As well as I remember, it was about \$60 complete with case and clip leads.

A&A Engineering  
2521 W. LaPalma #K  
Anaheim, CA 92801  
tel: 714-952-2114  
fax: 714-952-3280

(Std Disclaimer)

72, Bill - K4AHK

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: PA3ASC@mailbox.hol.nl (Mike Perry)  
Subject: [15451] RE: HW8 (calibration)  
Message-ID: <199703230925.KAA14929@bonny.hol.nl>

>2) The dial on the HW-8!! It's kind of silly! On 40m I can  
>go BELOW the zero mark so how do I know it's accurate?  
>

Make a crystal calibrator:1 MHz crystal oscillator using  
a 7400 followed by several divide-by-ten blocks to give  
100's and tens of kHz. The almost square waves are rich in  
harmonics. Couple into the antenna port through a very  
low-C (or just a bit of insulated wire). You can calibrate  
the reciever, and the transmitter will almost look after itself.  
Works for most direct conversion rigs.

73 de PA3ASC

--

Best regards from The Netherlands,  
Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl ]

=====

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Dale Wentz <slip50@accessus.net>

Subject: [15458] RE: Key Cad  
Message-ID: <01BC375A.6F2AEE00@DRAGON>

I have the Key Cad software and although it worked fine under windows 3.11 I had lots of problems under Windows 95.  
I never could get the company to return my calls, and discontinued the use of the software.

I am now using Drafix Cad. It is a little more \$\$ but think it is a much better product.

73's and type at ya later, de kb9jja/dale

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: DCrespy@aol.com  
Subject: [15457] re: Key Clicks Messing Me Up & More!!  
Message-ID: <970323080637\_-1404324938@emout06.mail.aol.com>

Eric

About low audio out on your HW-8... The rig was designed for high impedance phones (1000-2000 ohms). Try adding a matching transformer (radio shack has them, 1000 to 8 ohms). I put mine on the "back wall" inside the rig.

Have fun and good luck

Harry  
KG5LO Saline MI

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Bob Kellogg <ae4ic@nr.infi.net>  
Subject: [15436] Re: N4BP  
Message-ID: <199703230205.VAA20503@mh004.infi.net>

At 03:16 AM 3/22/97 GMT, you wrote:

>Guess Bob is enjoying the warmth of SFL and taking life easier and  
>not going for the Brass Ring all the time like the young 'uns. :-)

Speaking of Brass Rings, maybe Bob is a member of the notorious "Southern Brass" contest gang that's trying to infiltrate our modest group. If so, that's another reason for impeachment! 'fess up, now, Bob!!

CUL,

Bob Kellogg, AE4IC, Greensboro, NC  
Probably, but not nececelery. - Benny Hill  
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Tj Johnston, N4UYQ" <tjohnsto@erols.com>  
Subject: [15497] Re: Panel labels  
Message-ID: <3.0.1.32.19970323182321.007a0e00@pop.erols.com>

At 08:46 AM 3/23/97 -0600, Bob Tellefsen-CNSE97 wrote:  
>You can make up your front panel drawing on the computer, and print it  
directly  
>on a transparency. Cut it out and fix it to the front of the rig, and  
there you  
>are.  
>  
>72, Bob N6WG

I prefer to paint the front panel a flat black and use white dry transfers.  
Then protect the whole thing with a clear sealer. This allows you to change  
a small portion of the panel should you ever make changes or additions....  
but who does that??? <GRIN>

72/73,

Tj Johnston, N4UYQ (Tech+) QRP-L member #1057  
formerly KA4GVW (Novice)  
Ashland, Virginia (Hanover County) FM17  
Richmond Amateur Telecommunications Society  
<http://www.rats.net>

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [15459] Re: TRADE: Ten Tec filters  
Message-ID: <19970323.132618.12279.11.k7yha@juno.com>

Hey Ate Japan!

Have two of 'em. Lemme dig them out....it mite take a day or two. Ended up with two for some silly reason.

There is some guy ont he qrp-l selling an Argosy 525 (non digitial) for \$350 with no filters (cept the stock SSB 4-pole). Been trying to jew him down, but don't think it will work. Need your CW filter, just in case!

Just bought a FT-301S from a guy in the Bay Area. Quite frankly, I think it is a better radio than the Argosy...it was a hundred bucks cheaper, too.

73 rich K7SZ

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: rob3ert@juno.com (Robert G. Parks)  
Subject: [15460] Re: TRADE: Ten Tec filters  
Message-ID: <19970323.055259.8662.0.rob3ert@juno.com>

Rich,

Being Jewish, I find that expression offensive. I believe you can convey what you mean by saying "chisel" or "bargain" rather than "jew". I hope that it was not your intention to offend, but rather just a poor choice of words.

72/73

Bob Parks  
K6AEC (Las Vegas)

-----snip---

On Sun, 23 Mar 1997 13:07:47 EST k7yha@juno.com (Richard H. Arland)  
>for \$350 with no filters (cept the stock SSB 4-pole). Been trying to  
>jew him down, but don't think it will work. Need your CW filter, just

>73 rich K7SZ

---snip---

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [15464] Re: TRADE: Ten Tec filters  
Message-ID: <19970323.143409.10399.3.k7yha@juno.com>

Hi Brien:

Boy, did I screw UP!

Left the "send to all" filter on.

I am sure that this will further endear me to my fellow QRPers.

Like you, my childhood was full of sayings and phrases. This is only one of many, and it has been deleted from my memory banks.

Another favorite I had to delete was the use of "boys". My father and everyone else in my hometown used that to denote a group of men. Nothing inferior or demeaning was intended. HOWEVER, since I work in a state prison teaching electronics to inmates, and about 70% of my class is black (Crypts on one side of the classroom and Bloods on the other) I learned VERY quickly not to use the term "boys", in ANY context!

Tnx for understanding  
es 73

rich K7SZ

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: k7yha@juno.com (Richard H. Arland)  
Subject: [15465] Re: TRADE: Ten Tec filters  
Message-ID: <19970323.143408.10399.1.k7yha@juno.com>

On Sun, 23 Mar 1997 08:53:58 EST rob3ert@juno.com (Robert G. Parks)  
writes:

>Rich,

>

>Being Jewish, I find that expression offensive. I believe you can  
>convey what you mean by saying "chisel" or "bargain" rather than  
>"jew". I hope that it was not your intention to offend, but rather  
>just a poor choice of words.

Bob and Group:

Please forgive my indiscretion. I am originally from a very small town in Eastern Washington, and that expression has been part of my vocabulary since childhood. Notice it was a small "j", indicating its use as a verb, not a noun.

It was not my intention to offend anyone. If you took offense, please forgive me.

Additionally, this mssg was to Tim, and should not have gone out to the qrp-l, but I had "reply to all" engaged by mistake. This does not lessen the impact or reduce the embarrassment. Rest assured, I will make every effort to be more sensitive in the future.

Thanks for bringing this to my attention, Bob. And I do hope you and anyone else on this list that might have been offended by my poor choice of verbiage understands that I was not trying to demean any one individual or an ethnic group.

73 rich K7SZ

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: rob3ert@juno.com (Robert G. Parks)  
Subject: [15467] Re: TRADE: Ten Tec filters  
Message-ID: <19970323.071335.8662.3.rob3ert@juno.com>

Rich,

Your gracious and sincere apology accepted by me. Thank you!!!

Now, let's get on with QRP!

72/73

Bob Parks  
K6AEC (Las Vegas)

From owner-qrp-l@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>  
Subject: [15433] Re: Unbuilt RadioKit for sale  
Message-ID: <3.0.1.32.19970323015934.006bddd0@mailhost.primenet.com>

At 05:41 PM 3/22/97 +0000, you wrote:  
>>>>> BTW what ever happened to RadioKit?  
>>>> They now build competition class kits.  
>>>> What is a competition class kit?  
>>> Debugging competition ! :)  
>> Oh, Of Course! Silly Me.....  
> For details, contact KM1H on the VHF or AMPS lists.



Or, direct at km1h@juno.com for latest kit offerings.

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: dwink@juno.com (Daniel C Winkler)  
Subject: [15430] Re: Very Important Question!!!!  
Message-ID: <19970322.171959.4423.12.DWink@juno.com>

On Thu, 20 Mar 1997 23:47:44 -0500 ericvia@why.net (Eric Via) writes:

> To fully enjoy all my time-consuming hobbies, AND  
> my family, I need to NOT WORK anymore.  
>  
> So, how can I . . .  
> WITHOUT working?  
  
> I'm SURE the answer to this question is in my License  
> Exam Study Book - I must have skipped over it accidentally..

Geeez, Eric!

Haven't you been reading my posts??! It's in  
THE HANDBOOK.

I'm sure it is.

I'll find it in a sec.

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Dan Hogan <dhhogan@lightside.com>  
Subject: [15434] Re: Very Important Question!!!!  
Message-ID: <3.0.16.19970322175322.422fd49e@mail.lightside.com>

Obviously neither one of you guys is old enough to appreciate the proper  
answer to the question ;^)

At 13:53 3/22/97 PST, Daniel C Winkler Wrote

>  
> On Thu, 20 Mar 1997 23:47:44 -0500 ericvia@why.net (Eric Via) writes:  
>

>> To fully enjoy all my time-consuming hobbies, AND  
>>my family, I need to NOT WORK anymore.  
>>  
>> So, how can I . . .  
>>WITHOUT working?  
>  
>> I'm SURE the answer to this question is in my License  
>>Exam Study Book - I must have skipped over it accidentally..  
>  
>  
> Geeez, Eric!  
>  
> Haven't you been reading my posts??! It's in  
>THE HANDBOOK.  
>  
> I'm sure it is.  
>  
>  
> I'll find it in a sec.

72's & 73's

--Dan--  
WA6PBY

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [15448] Re: Very Important Question!!!!  
Message-ID: <8D474C3.000400193A.uuout@cheaha.com>

-> Obviously neither one of you guys is old enough to appreciate the  
-> proper answer to the question ;^)

-> >> I'm SURE the answer to this question is in my License

Pretty slick,....yelp, pretty slick.<g>

ed/KF4KRV

From owner-qrp-1@Lehigh.EDU Sun Mar 23 18:04:11 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: W6MMA SLV Mod

I got around to working on getting this mod ready for use, and it's a real gem.

The radials are cut from 5-conductor RS Television Rotor control Cable (P/N 15-1201). I used tinned 1/2" braid for the lower radiator, and flex-weave antenna wire for the upper radiator.

I set the thing up in the back yard, and hauled out the Cascade and the OHR-400 to check it out. Tuning for the band of interest with my MFJ-259 was \_much\_ easier than the original SLV.

First shot of RF got YV5DEH on 20M SSB with the Cascade.

OK..that's easy. Played with the OHR-400 on 30, 40 and 80M Cw and had great luck each time. Tuning for each band is quite simple and consistently got me SWR of 1.3:1 or less.

This is a very nice setup. It's going to get some use for QTTF, FD and QRP Afield.

Vern is probably up to his ears in orders, but I have to have a couple more of these to try out the phasing thing.

--

72/73 de Roger N7KT            Mesa, AZ     Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9  
NorCal 1099    CoQRP 176   QRP-L 62    G-QRP 9081   ARCI 8946   NE-QRP 383

-----1D934ED781F--